



Neuroscience and Mental
Health Research Institute

Sefydliad Ymchwil y Niwrowyddorau
ac Iechyd Meddwl

MRes in Stem Cell Neurobiology

This MRes will develop your understanding of the ways in which stem cells are utilised in modern neuroscience, providing a solid foundation for further study or a research career in a field where ground-breaking discoveries can translate into major improvements in brain disorders.

Delivered by internationally recognised stem cell scientists and neuroscientists working in our Neuroscience and Mental Health Research Institute, the programme provides an in-depth introduction to stem cell neurobiology and to key scientific skills including experimental design, data collection, and laboratory techniques.

What's involved?

Stem Cell Techniques in Neuroscience

This module will showcase how human pluripotent stem cells are used in modern neuroscience, including practical sessions culturing human pluripotent stem cells.

Data Handling and Statistics/ Bioinformatics

This module is designed to equip you with the skills to understand and undertake high-level statistical/bioinformatics analysis, and to interpret and evaluate your analyses.

Key Skills in Research Practice

This module sets out to provide knowledge, understanding and experience of a range of foundation skills necessary to be a professional scientist.

Independent research project

You will also undertake a 7 month research project in the laboratory of a specialist researcher in Stem Cell Neurobiology based in the University.



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